TECHNICAL WORK MAY NOT BEGIN PRIOR TO CTR ACCEPTANCE

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

QSS Group, Inc.	NASS- 99124	TASK NO. **201**	AMENDMENT	561-218-80-20-69		

TASK TITLE: (NTE 80 characters; include Project name)

TDRS Command and Data Handling Engineering

		DATE	ORG CODE	MAIL CODE	PHONE
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) Terrance Smith	*Terrance M Smith*	1-18-00	561	561	301-286-0651
BRANCH HEAD Robert W. Stone	*Robert W Stone*	1/18/00 1-18-00	454	560	301-286-6664 301-286-5659
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) Robert Lebair		1/20/00		580	301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (If yes, also send one concurrence next report) [X] NO [ ] YES	CONTRACTING OFFICER'S QUALITY REP. Larry Moore	DESIGNATED FAM:

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	(To be completed by Contracting Officer) C.O. Requested Quote on: Date: **JAN 2 1 2000**

Contractor will develop specification or statement of work under this task for a future procurement.	[X] NO	[ ] YES	
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[ ] NO	[ ] YES	[X] N/A
Government Furnished Property/Facilities:	[X] NO	[ ] YES – SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)	
Onsite Performance:	[ ] NO	[X] YES If yes: [X] TOTAL [ ] PARTIAL	
		If partial, indicate onsite work in SOW by asterisk (*)	
Surveillance Plan Attached:	[X] NO	[ ] YES	

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective date of this task is February 16, 2000.

INCENTIVE FEE STRUCTURE (check one)

	No. 1	No. 2	X No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is $ 184,715 . ✓

The target fee of this task order is $ 11,838 . ✓

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is $ 196,553 .

The maximum fee is $ 17,302 . ✓

The minimum fee is $0.

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakins	2/16/00	Lorrie L. Eakin Contracting Officer
SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER

Jerry M Benner	2/28/00
AUTHORIZED SIGNATURE	DATE

GSFC FORM 703-TRPS   12/96 (OLDER VERSIONS ARE OBSOLETE)

DISTRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 605, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

	NAS5-	TASK NO.	AMENDMENT		
QSS Group, Inc.	99124	201	A	561-218-80-20-89	00

TASK TITLE: (NTE 80 characters; include Project name)

TDRS Command and Data Handling Engineering

APPROVALS

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE
Terrence Smith		2-27-01	561	561	301-286-0651

BRANCH HEAD		DATE	CODE		PHONE
Robert S. Stone		2-27-01		561	301-286-5659

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE		PHONE
Robert S. Lebair, Jr.		3/27/01		560	301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?	CONTRACTING OFFICER'S QUALITY REP./	DESIGNATED FAM:
IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK		
[X] NO [ ] YES	Larry Moore	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	*(To be completed by Contracting Officer)* **C.O. Requested Quote on:** *Date:*

Contractor will develop specification or statement of work under this task for a future procurement.	[X] NO [ ] YES		
Flight hardware will be shipped to GSFC for testing prior to final delivery. [ ] NO	[ ] YES	[X] N/A
Government Furnished Property/Facilities: [X] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)		
Onsite Performance: [ ] NO [X] YES	If yes: [X] TOTAL [ ] PARTIAL	
	If partial, indicate onsite work in SOW by asterisk (*)	

Surveillance Plan Attached: [X] NO [ ] YES	
Highlighted Contract Clauses: *(to be completed by Contracting Officer)*	

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 2/16/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	__ No. 1	__ No. 2	_X_ No. 3	__ No. 4	__ No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is $ 176,655 . ✓

The target fee of this task order is $ 11,322 . ✓

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is $ 187,977 .

The maximum fee is $ 16,547 . ✓

The minimum fee is $0.

AUTHORIZED SIGNATURE

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J Becker	3/01/01	Theresa J Becker
SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER

CTORS ACCEPTANCE

Linda A. Burleton	3/1/01
AUTHORIZED SIGNATURE	DATE

FORM 703-1845   12/98 (OLDER VERSIONS ARE OBSOLETE)

DISTRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 303, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

	NAS5-	TASK NO.	AMENDMENT
QSS Group, Inc.	99124	201	A

Applicable paragraphs from contract Statement of Work: Function 2.D.5

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

Command and Data Handling (C&DH) Engineering analyzing the design, development, fabrication, test, deployment, and operation of the TDRS space, ground and launch segments. This activity includes review, analysis and evaluation of the Prime Contractor's C&DH design including the functional, performance, and operational aspects to establish compliance with Project requirements. This activity maintains analysis of the appropriate Prime Contractors C&DH budgets including data storage, data rates, and other associated budgets as directed by the Project to assure compliance with requirements. This activity provides for the review, analysis and development of recommendations dealing with C&DH Interface Control Documents and C&DH launch vehicle interfaces. This activity requires the leadership/participation in Prime Contractor and launch vehicle supplier design, development, and test reviews to resolve issues and assure contract performance.

C&DH Subsystem Payload Engineering analyzing the design, development, fabrication, test and integration of the C&DH payload subsystem. This activity requires the analysis and review of specifications, drawings, performance reports, test plans and demonstrations at the C&DH subsystem component level by the Prime Contractor to: 1) ensure compliance with requirements, 2) assure quality, 3) ensure compatibility with system requirements, 4) assure performance in the operating environment. This activity also provides the development and operation of simulations of payload C&DH performance.

C&DH Operations engineering analyzing the TDRS flight C&DH architecture design and performance, and the C&DH digital design and performance.

Launch and on-orbit C&DH operations engineering analyzing the documentation, plans, procedures, test and telemetry to verify proper C&DH performance. This activity requires the review, analysis, and development of recommendations ing with launch, deployment, on-orbit test, and control center functions. The activity may require the assessment of ...malies and developing recommended courses of action. In addition, this activity includes preparing and reviewing prelaunch testing and integrated simulation activities; monitoring flight C&DH performance and providing assessments of data and C&DH anomalies and recommending courses of action; and providing assessments of on-orbit tests and control center operations and recommending courses of action to assure compliance with C&DH performance requirements.

CHANGE ORDER:
Task End Date is amended from 2/1/01 to 1/16/01.

PERFORMANCE SPECIFICATIONS:
Progress Reports and Trip Reports shall summarize personal interfaces, content of meeting/review attended, and analyses of spacecraft progress, problems/issues and test results.
Major activities shall be clearly summarized and analyzed with rationale included.

APPLICABLE DOCUMENTS:
None.

TASK END DATE: 1/16/01

MILESTONES/DELIVERABLES AND DATES:
Progress Reports: Weekly, submitted both the TDRS Project as well as to ATR.
Trip Reports: Within 3 business days after completion of travel, submitted both to Project as well as to ATR.
Special Reports needed by the Project shall be prepared according to the schedule established by TDRS Project Management and submitted both to Project as well as to ATR.
Action Items assigned to this activity shall be dispositioned in a timely manner.

PERFORMANCE STANDARDS:
      Schedule: On-time delivery of the above.
      Technical: Major activities shall be clearly summarized and analyzed with rationale included.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):
Anthony Comberiate, building 12, room C4F